

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:****Passed**

Test standard : FCC KDB Publication 447498 D01 v06  
FCC CFR 47 Part 2 Subpart J Section 2.1091

Separation distance is more than 20 cm, thus mobile device exposure limits can be applied.

**FCC Maximum Exposure:**

Mode	Frequency (MHz)	Antenna Gain (dBi)	Antenna Gain (numeric)	Maximum Output Power (dBm)	Output Power (mW)	Power Density (S)(mW/cm <sup>2</sup> )	Test Result
GFSK 2M	2402	3.3	2.138	5.50	3.5481	0.00151	Pass

**Limit FCC: 1500-100,000 MHz 1.0 mW/cm<sup>2</sup>**